String-Math 2016, Collège de France, Paris



Contribution ID: 10

Type: not specified

Derivation of modular anomaly equation in compact elliptic Calabi-Yau spaces

Monday 27 June 2016 17:30 (25 minutes)

Modular anomaly have been discovered in topological string theory on elliptic Calabi-Yau spaces. We extend the derivation of genus zero anomaly equation for non-compact cases in the literature to compact cases. For higher genus, we derive the modular anomaly equation from BCOV holomorphic anomaly equation. Based on [arXiv:1501.04891].

Summary

Presenter: HUANG, Minxin (University of Science and Technology of China) **Session Classification:** Plenary session